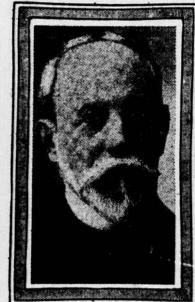
## Notable Scientific Achievements of Latin Americans

than a field for trade and finance. The coming scientific to promote closer relations along intellectual lines, is apt to show that it is a field both for original investigation and for actual achievement. It is no less so today than when Alexander von Humboldt studied it, or when Darwin made his famous voyage in the

The United States will be host to the



The Thilde States will be host to the avantate who will assemble from the countries send to the find Grand, part of the Countries send to the find Grand, part of the Countries send to the find Grand, part of the Countries send to the find Grand, part of the Countries send to the find Grand, part of the Countries send to the find Grand for the Countries send to the find Grand for the Countries send to the find Grand for the Countries send to the Countries sen

Toguity of Man in the River Plate Region."

Darwin had noted with great interest the gigantic extinct quadrupeds of the Argentine pampas, but had drawn no conclusions from his observations. Dr. Ameghino, as the result of his own studies, believed that this section of the new world was the original home of primitive man. European scientists received his views with respect, but not with entire conviction. The scientists of the Smithsonian Institution also accorded him much praise for his original investigations, but did not accept his conclusions. Dr. Ameghino was a stout controversialist, however, and maintained his views with much vigor. He died in 1911.

maintained his views with much vigor. He died in 1911.

Brasil, the late Ambassador Nabuco declared, is an illustrated catalogue of nature, and it is there that many contributions have been made to science. The scholarly ambassador said that the Amazonian forest revealed to Alfred Russell Wallace more than 500 species of birds, and that the Amazon river alone presented Agassis with more kinds of fish than the Atlantic ocean appeared to contain.

Brazilian achievement has not been left only to foreign scientists. The celebrated botanical garden at Rio de Janeiro, established by the Emperor Dom Pedro, is filled with the trophies of native botanists, among them Dr. Barbosa Rodriguez, who is credited

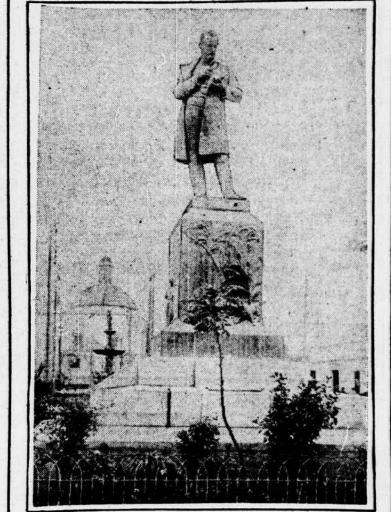
ONGRESS of Pan-American Savants to Be Held in Washington—The United States to Be Host of Scientists Who Will Assemble From Countries South of the Rio Grande-Great National Museums of the South American Countries-Work in Public Health and Medical Science—Geography and Exploration, and the Pioneers of the South Who Have Contributed to the World's Knowledge.

Their guides were Mirana Indians who never before had seen white men. These friendly Indians, among whom the stone ax is employed and who have only the implements of primitive civilization, piloted them to the point where the cannibal Indians dwelt. It took a month to make six hundred miles on the river to this point.

A well disposed chief of the cannibals received the party hospitably and intited them to partake of a feast on the flesh of a rival cannibal tribe. Under the protection of this chief the party was enabled to continue its voyage down the Putumayo, undergoing great hardships, but without molestation on the part of the tribes.

The Amazon was reached at last and then Gen. Reyes and his party continued on to the mouth at Para in steam vessels. In subsequent explorationed on the mouth at Para in steam vessels. In subsequent explorationed in the sample of the cannibal steam vessels. In subsequent explorationed in the possibility of conquering air with though malignant feyer, and the occasion was an about a specially in carbacture of the Call was made by Minister by Amazon was reached at last and them for the tribes.

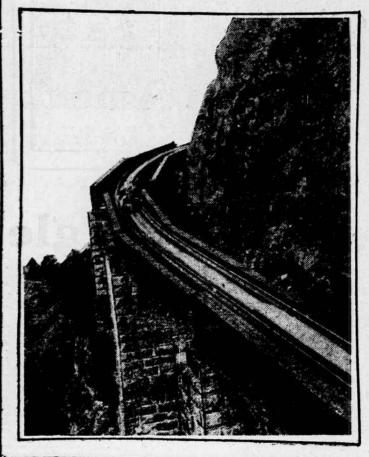
The Amazon was reached at last and then Gen. Reyes lost one brother, Henry, through malignant feyer, and the cannibal step the protection of the Capital Capit



MONUMENT TO RAIMONDI, THE GEOGRAPHER OF THE ANDES, AT

LIMA, PERU.

## Travel and Transportation in the Largest of South American Republics



BY RAIL UP THE BRAZILIAN MOUNTAINS.

URING the past few months I have traveled over the most important of the railway property the few forms of Brazil. I have seen the best part of the trunk line that good of the question. The drop from Rio de Janeiro to Montevideo, and have gone north, west and south or the real seen of the dead trees as their roding out of the question. The drop from Rio de Janeiro to Montevideo, and have gone north, west and south or seen of the seen

RANK G. CARPENTER Tells of the Great Coffee Chute to Santos—Strange Features of Travel in the Tropical Mountains-On the Government Railroads of Brazil-A Big Company Managed by Americans-In the Heart of the Amazon Valley.

HARVARD ASTRONOMICAL OBSERVATORY, AREQUIPA.

the Sao Paulo railway, and none which has cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion of the cost so much in such a short discussion in such a short discussion in the cost so much in such a short discussion of the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much in such a short discussion in the cost so much and there are a should be and the control of the contr



SAO PAULO RAILWAY DEPOT, BRAZIL



THE GREAT COFFEE CHUTE TO SANTOS. THIS IS THE BEST PAYING RAILROAD IN SOUTH AMERICA.

bonds issued for constructing the lines, and in others it gives also concessions of lands. The Brazil Railway Company has received a grant of some millions of acres toward the construction of new lines in southern Brazil, and it has now under lease or in actual ownership more than a half million acres of forests, six million acres of possible farms and more than eight million acres said to be excellent pasture.

Perhaps the most interesting of the properties associated with the Brazil Railway Company is the Madeira and Mamore railway. This road is located far in the backwoods of Brazil. It is situated thousands of miles up the Amazon, in the heart of a wilderness that produces a large part of the rubber of the world. It is only 226 miles long, but its location is such that it opens up thousands of miles of river navigation. It goes around the falls of the Madeira river, linto which flow the three mighty streams known as the three might have been an auxily lost. The railway will carry passengers and freight around the falls and will rus give a neastern outlet for the trade of the high plateau of the Andes. Bolivia has other plans for the building of a railway from its capital at La Paz to some point on the Beni river, and thus of the high plateau of the Andes. Bolivia has other plans for the lands through the hi